

EMPLOYMENT OPPORTUNITY ANNOUNCEMENT

DEPARTMENTS OF THE ARMY AND AIR FORCE
OFFICE OF THE ADJUTANT GENERAL
NORTH CAROLINA NATIONAL GUARD
HUMAN RESOURCES OFFICE
4105 REEDY CREEK ROAD
RALEIGH, NORTH CAROLINA 27607-6410

ANNOUNCEMENT #: ARNGT 04-034

OPENING DATE: 13 February 2004

CLOSING DATE: 15 March 2004

ANTICIPATED FILL DATE: 2 May 2004

POSITION TITLE AND NUMBER

Information Technology Specialist (Network Engineer)
PDCN 90032C/W/E00, MD #: TBD

UNIT/ACTIVITY AND DUTY LOCATION

DCSI M (J6)
NCARNG, Raleigh, North Carolina

GRADE AND SALARY (Includes Special Salary Rate)

GS-2210-12 \$59,078.00 - \$76,804.00 per annum

EMPLOYMENT STATUS

Excepted Service

WHO CAN APPLY: The area of consideration for this announcement is the NATIONWIDE. Applications will only be accepted from current Excepted employees of the North Carolina National Guard, current military members of the North Carolina National Guard and individuals who are eligible and willing to enlist in the North Carolina Army National Guard.

HOW TO APPLY: Interested applicants may apply by submitting an Application for Federal Employment (Standard Form 171), Optional Application for Federal Employment (Optional Form 612), resume or any other form of application. It is REQUIRED that the Knowledge, Skills and Abilities (KSA) listed below be addressed and attached to the application. The application and KSA Statement should be mailed to the North Carolina National Guard, ATTN: OTAGNC-HRO, 4105 Reedy Creek Road, Raleigh, NC 27607-6410. It must be received not later than the closing date or if mailed postmarked by the closing date. NOTE: Information that must be provided when applying for a technician position is as follows: announcement number; name; address; telephone number; social security number, date of birth; citizenship; education; work experience; and other job-related qualifications. For more information, call 1-800-621-4136 ext. 6172/6431.

QUALIFICATION REQUIREMENT: Must have 36 months specialized experience which demonstrates that the applicant has acquired the below listed KSA's.

KNOWLEDGE, SKILLS ABILITIES (KSA'S)

Below are listed the KSA's for this position. Applicants must address each KSA individually in paragraph format by explaining any civilian and military work experience (with dates) that provided that KSA. It is required that this statement be attached to the application. Failure to do so will result in the applicant not being considered for this position. For more information or assistance, call 1-800-621-4136 ext. 6172/6431.

1. Knowledge of and skill in applying network design principles and concepts, network architecture principles and concepts, network protocols; remote access technology concepts, network operation and maintenance concepts and methods, network management tools, configuration management concepts, practices, network topology concepts; network optimization techniques.
2. Knowledge of network architecture and topology, including transmission protocols, broadcasting, multicasting, switching, routing, control, and management.
3. Skill in planning, designing, developing, managing and enhancing efficient network systems that respond to the state's business requirements; and efficiently utilize available resources.
4. Knowledge of current state-of-the-art system network technology and related computer equipment and the expertise to apply them to the organization's network architecture and available resources.
5. Knowledge of applicable security standards of system hardware, software and design along with the ability to apply, modify and test security models to ensure operability of and compliance with those security standards.
6. Skill in forecasting requirements necessary to implement system planned modifications without causing permanent loss of services, data, or security while maintaining ability to revert to previous configurations if the modifications fail to produce the intended results.
7. Knowledge of, and skill in applying network systems engineering and management methods.
8. Skill in preparing briefings and presentations on the complexities of the installation network. These briefings provide the basis for long-range decision planning relating to IT network project management.

Announcement No ARNGT 04-034 (Cont).

CONDITIONS OF EMPLOYMENT: 1. Occupants of this position must maintain continuous military membership in the North Carolina Army National Guard (NCARNG). NCARNG status (military grade, MTOE or TDA assignment, MOS/SSI, military unit) and experience must be entered on the application. The recommended applicant will not be approved for appointment until they occupy a compatible MOS in the NCARNG shown under Military Assignment on the reverse side of this announcement. 2. The applicant selected for this position will be required to participate in the Direct Deposit/Electronic Fund Transfer Program.

MILITARY ASSIGNMENT: Assignment to a compatible Officer, Warrant Officer or Enlisted position in the NCARNG is mandatory. (Off: 25 and 53; WO: 25, 918B, 920A, 920B; Enl: CMF 31 and 74)

EVALUATION FACTORS USED: Personal interviews, review of application and the KSA Statement. (KSA statement will be evaluated by the Personnel Staffing Specialist to determine minimum qualifications and by the interview panel to determine the best qualified).

PRINCIPLE DUTIES AND RESPONSIBILITIES: Serves as computer network engineer. Develops, defines, assesses and recommends concepts or solutions to implement network designs, policies and procedures that will result in continual upgrade, enhancement and optimization of the state's wide area command and control network and that will ensure proper network configuration and standardization. Applies extensive knowledge of computer network engineering and related disciplines to ensure that emerging technologies are considered in the development of technical refreshment of network components and configurations. Monitors the network management system for the state's wide area command and control/distributed training network to troubleshoot the immediate and geographically dispersed local and wide area networks. Implements and tracks diverse network protocol schemes, perform network baseline monitoring, and network capacity management. Sets the standards for the configuration and monitoring for a broad variety of network devices such as routers, switches, hubs, bridges, firewall, remote access systems, virtual private network, and intrusion detection and security systems. Monitors network trouble ticket system to track systems anomalies and provide management reports. Serves as the Contracting Officer's Technical Representative (COR) in the review and acceptance of network systems contractual work. Coordinates with procurement officials in developing statements of work containing quantities of required support. Provides technical advice and guidance to the directorate and to contractor personnel to facilitate tasks and projects. Acts as the project lead on special projects related to the interrelationships of multiple C4 disciplines (voice, data and video). Writes technical specifications for customized solutions to state network projects. Reviews proposed solutions, oversees project implementation, and ensures compliance with project specifications. Re-engineers products to correct malfunctions and/or enhance performance. Monitors and reports network systems performance to interpret results and implement performance enhancements. Serves as a project manager during the implementation of C4 projects. Develops policies and procedures to insure the needs of the various supported organizations do not adversely effect system performance. Develops policies and procedures to maximize network operations. Performs project management on all network modifications (voice, video and data), architecture and enhancements. Uses standard business practices when reviewing network architecture improvements to insure systems provide sufficient return on their investment. Manages projects approved for implementation, which include network consolidation and/or growth. Redesigns network architecture to insure sufficient bandwidth is available to support the future requirements of the organization. May be assigned to assist the chief by performing limited leader responsibilities. Distributes and balances workload among employees. Gives on-the-job training to lower-graded employees. Approves leave for assigned employees. Provides input into annual performance appraisals. Resolves simple complaints and grievances, referring the more serious ones to the supervisor. Recommends training needs for employees. Provides input to the supervisor concerning selections, promotions, reassignments, recognition of outstanding performance. Performs other duties as assigned.

ADDITIONAL INSTRUCTIONS: 1. Applicants are requested to identify, on a separate sheet of paper, their race and national origin from one of the following categories; Male or Female; American Indian or Alaskan native; Asian or pacific islander; Black, not of Hispanic origin; Hispanic; White, not of Hispanic origin. Submission of this information is voluntary and will be used in support of the NCNG Equal Employment and Affirmative Action Programs. 2. Participants in the Selected Reserve Incentive Program will be administered as prescribed by NGB Pamphlet 600-15. 3. A permanent change of station (PCS) will not be authorized for the individual selected for this position unless agreed upon in advance by HRO and a PCS order is prepared prior to effective date. 4. Males born on or after 1 January 1960 must be registered with the selective service in order to be considered for federal employment.

INFORMATION SUBMITTED WILL BE USED ONLY IN ACCORDANCE WITH THE PRIVACY ACT OF 1974

DISTRIBUTION: A, B, C-3, G-25, H-3, J-3, K-3, M, N-12, P-9, Q, W-2, Y-2, R: HRO-1, AGAV-1, AGCS-3, DCSANG-1, DCSLOG/G4-4, DCSOI-3, DCSPER-3, FMCB-2, IG-1, SCSM-1, SRAA-1, VCSOP-1

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